

Figure 1. Top -level SDI architecture.

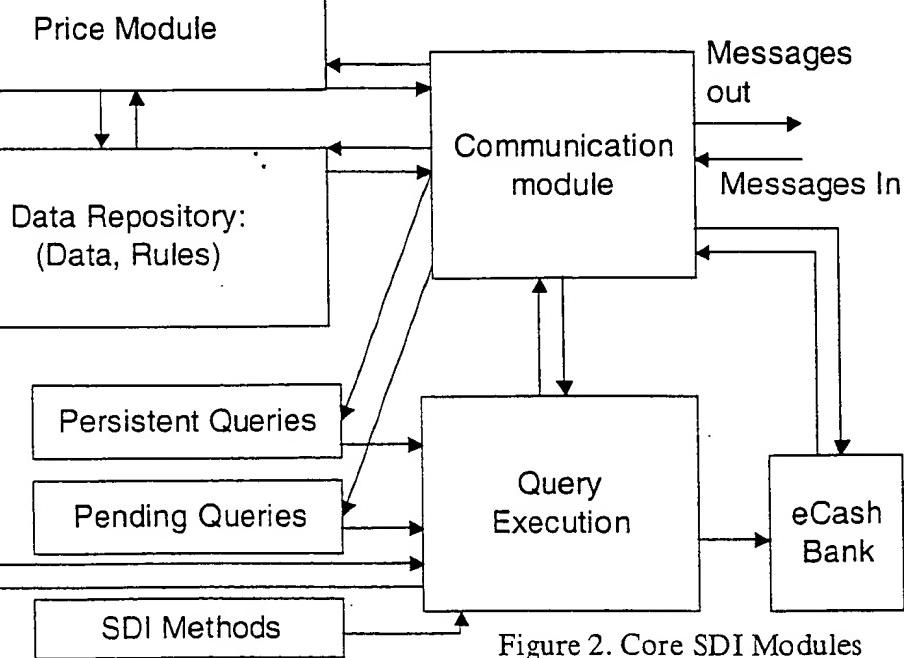
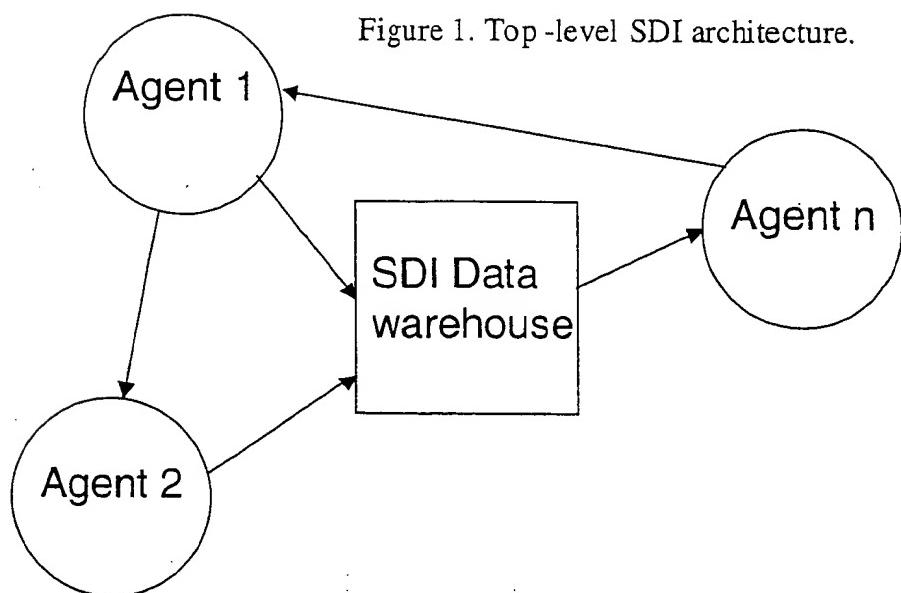


Figure 2. Core SDI Modules

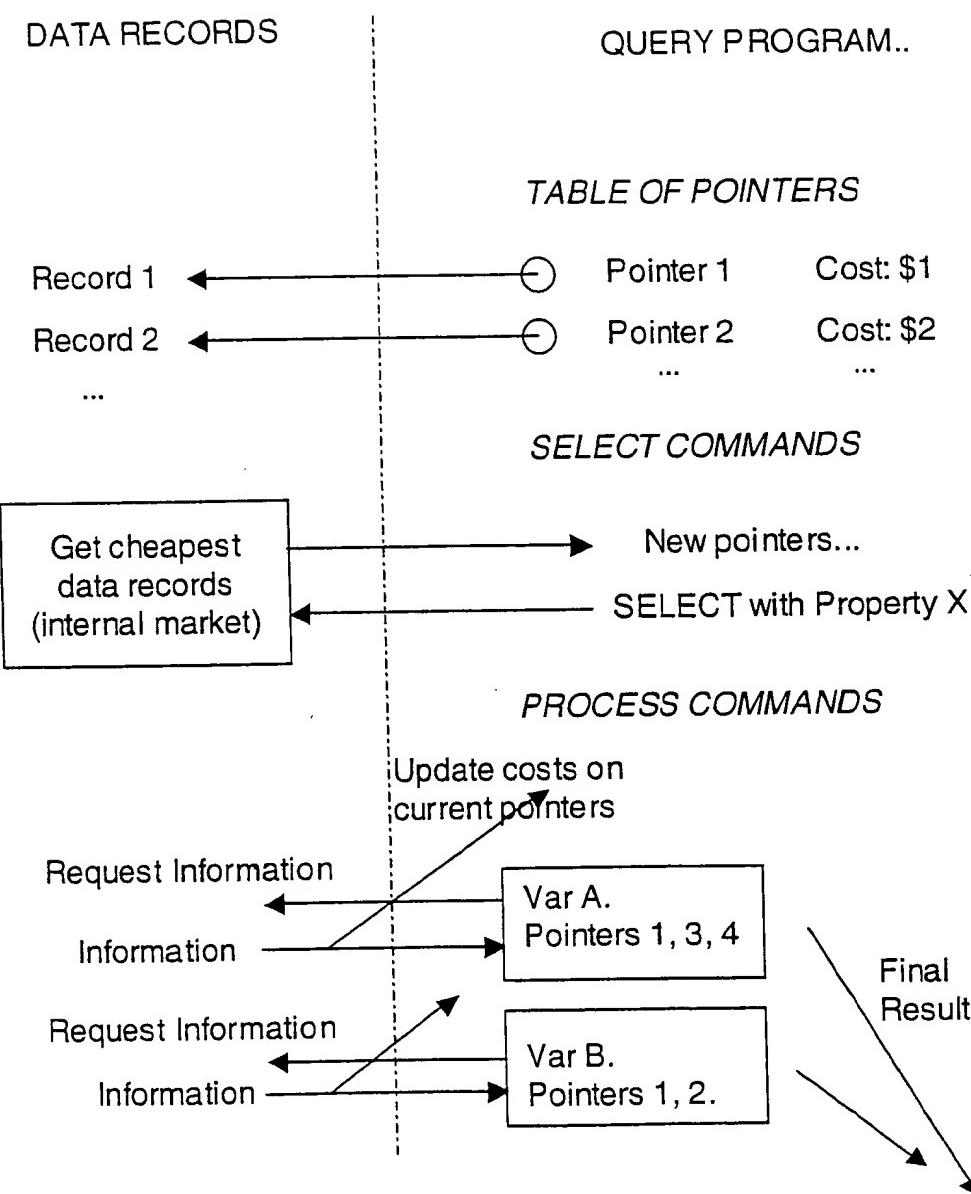


Figure 3: Query Execution

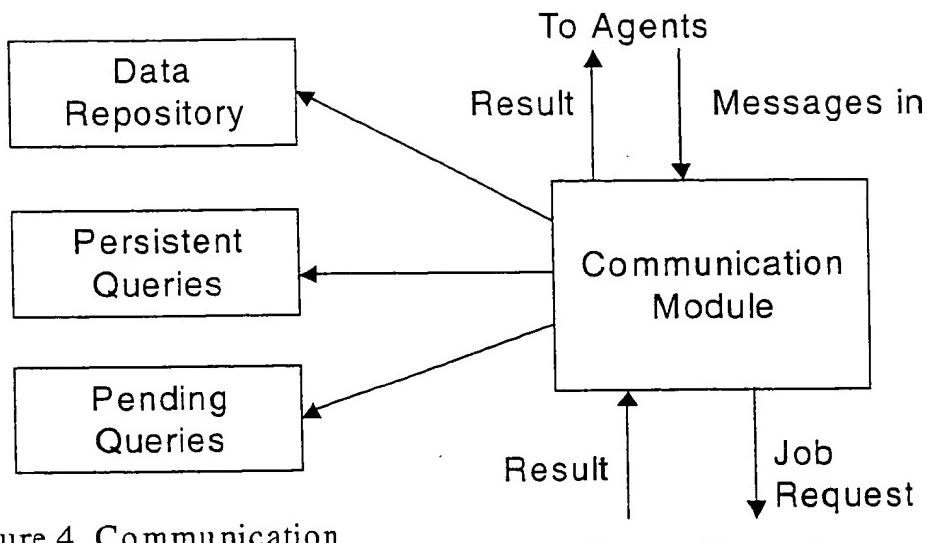


Figure 4. Communication Module

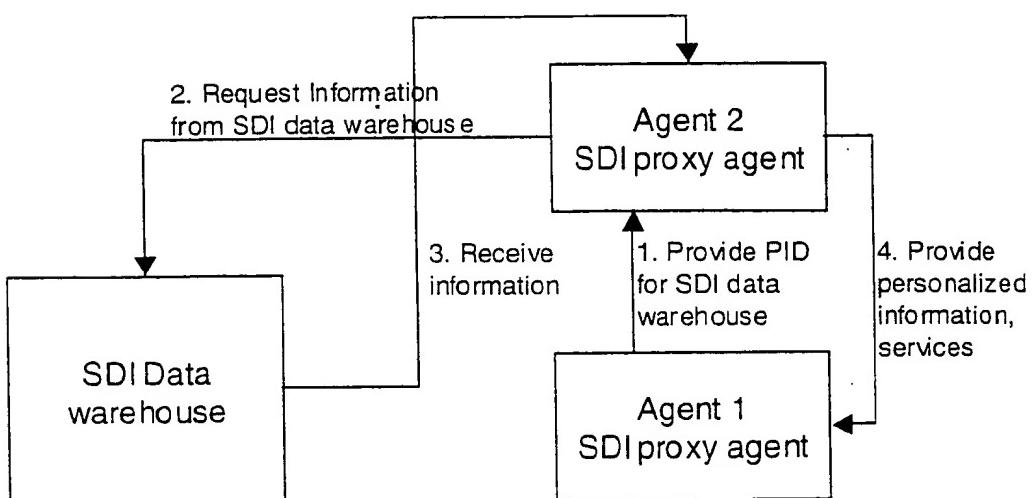


Figure 5: Data in the central SDI data warehouse.

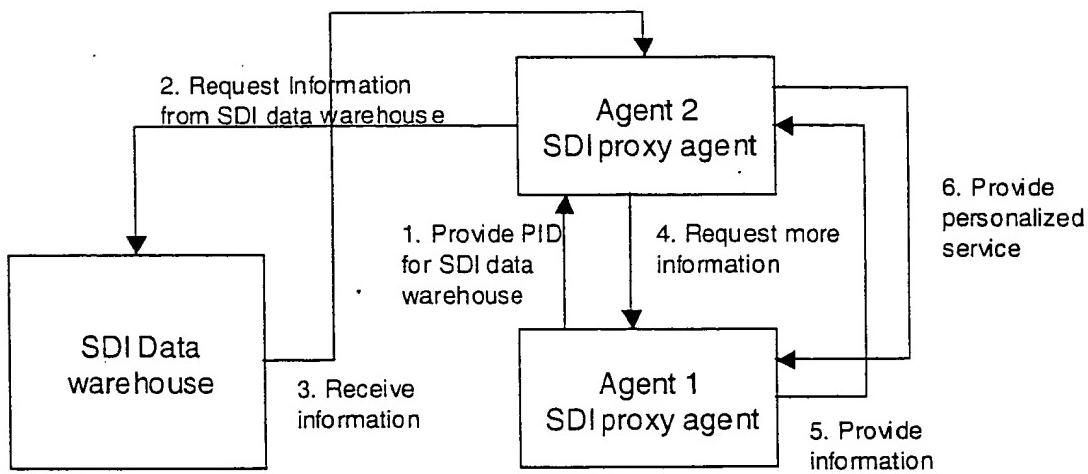


Figure 6: Data Stored Client Side and in the SDI data warehouse

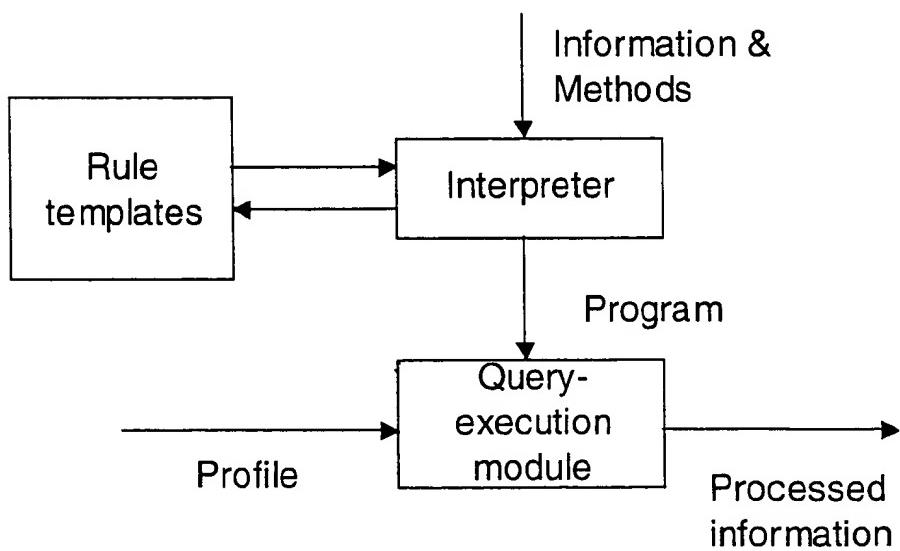
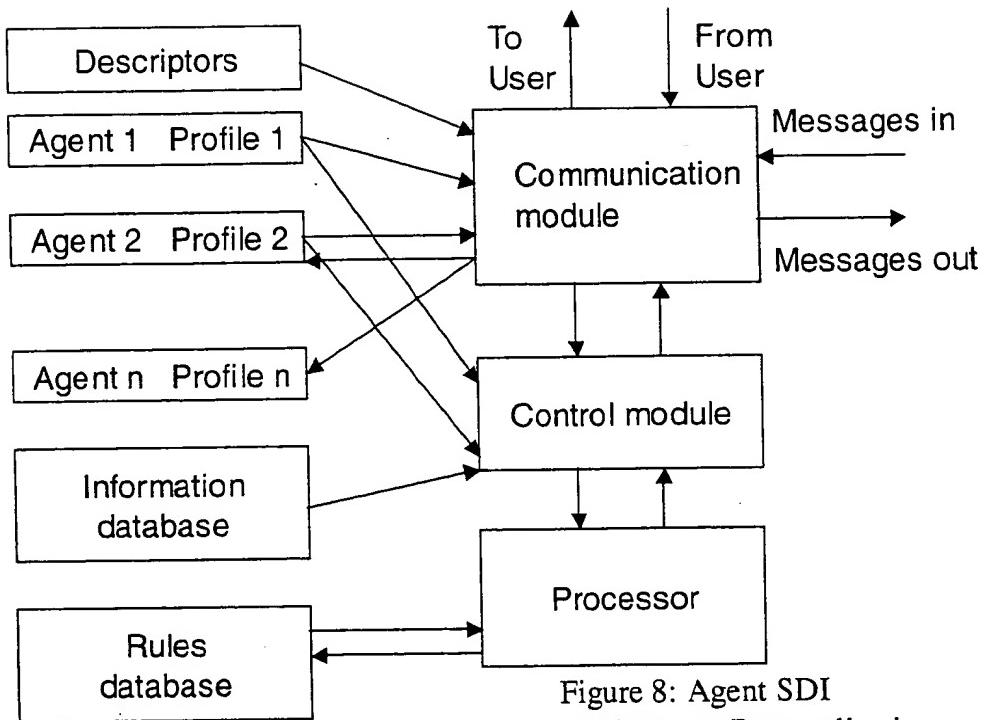
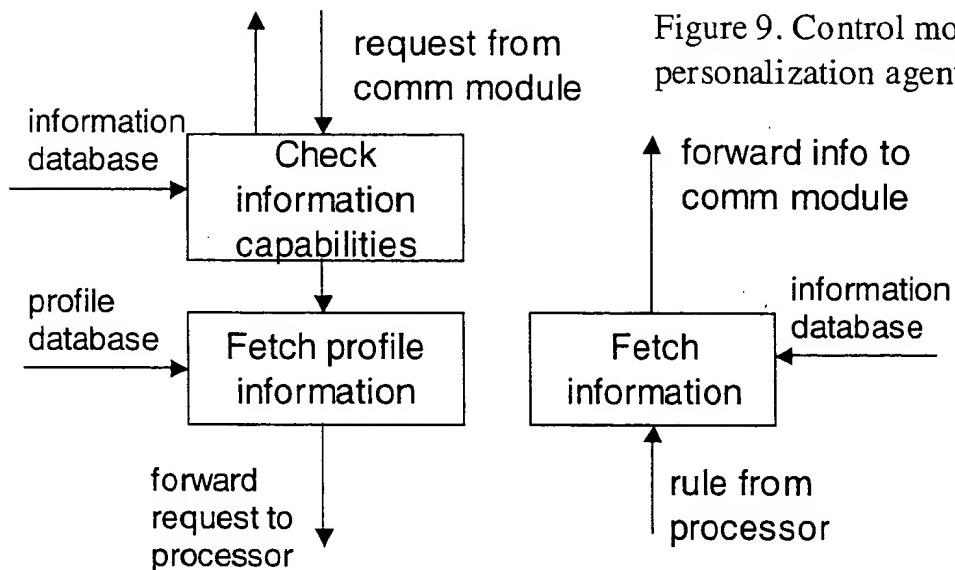


Figure 7. Client-side Personalization.





(Figure 9 above)

Figure 9. Control module, personalization agents

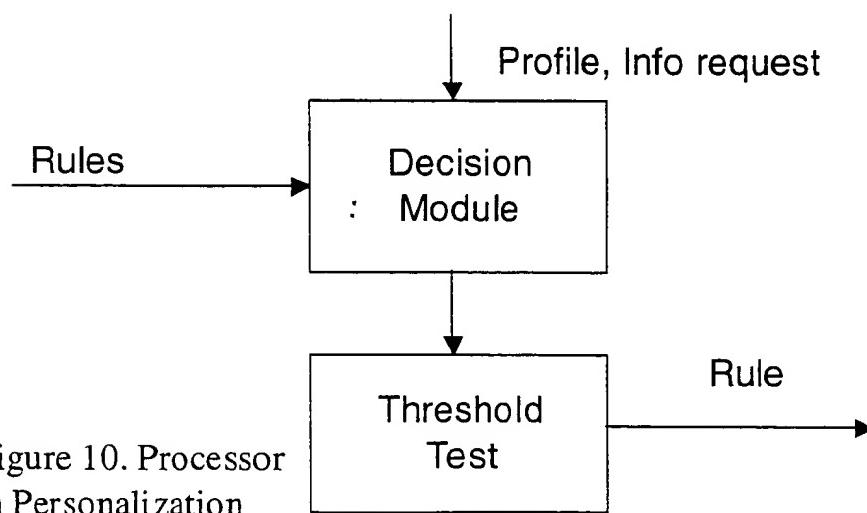


Figure 10. Processor in Personalization agent

Figure 10

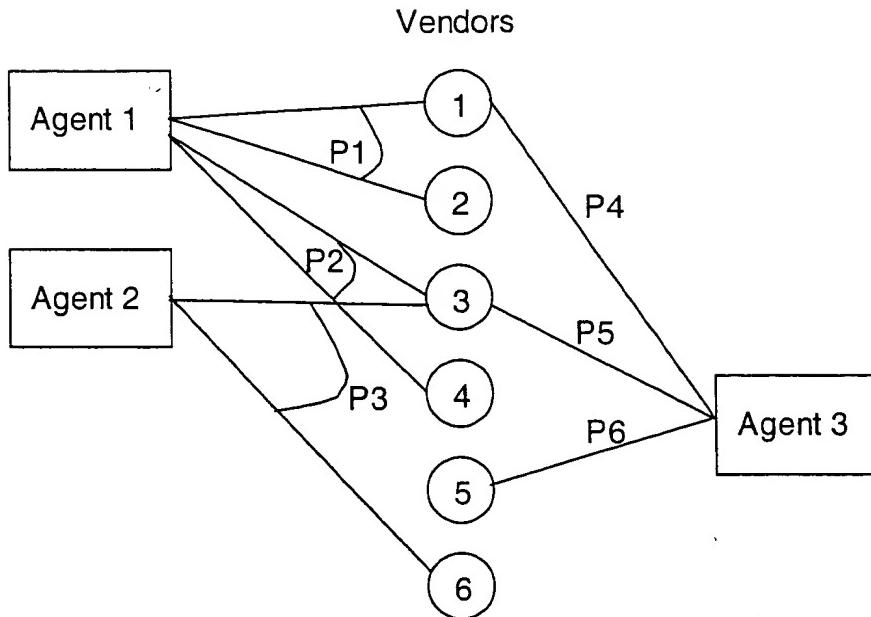


Figure 11. Client-side Identity Management

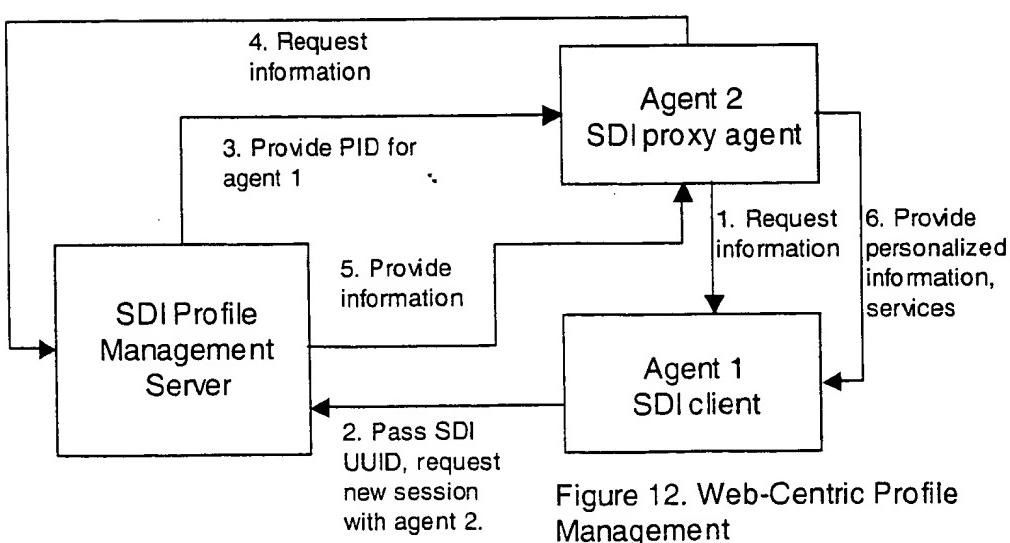


Figure 12. Web-Centric Profile Management

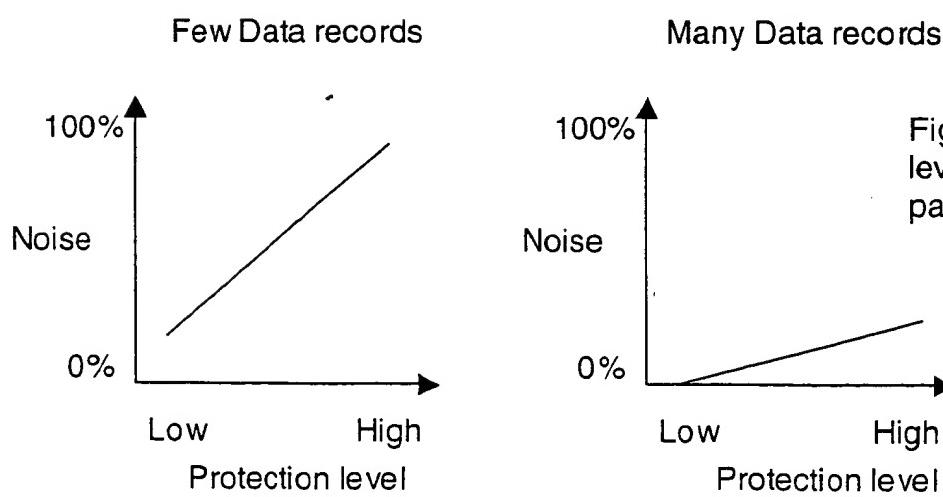
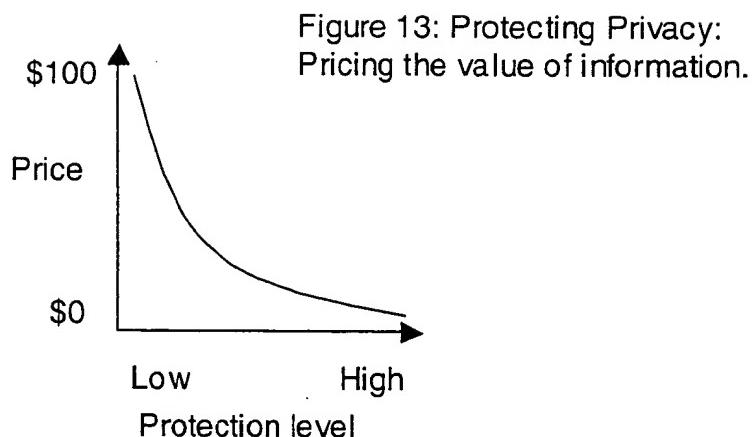
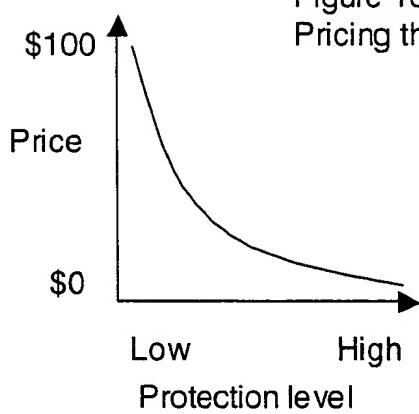
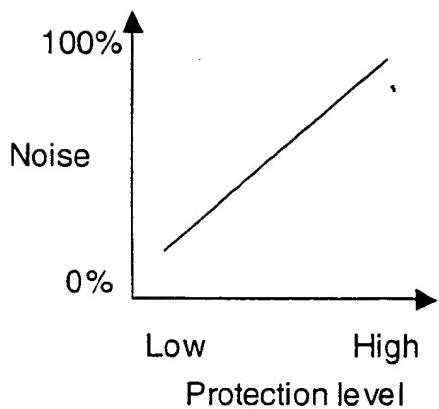


Figure 13: Protecting Privacy:  
Pricing the value of information.



Few Data records



Many Data records

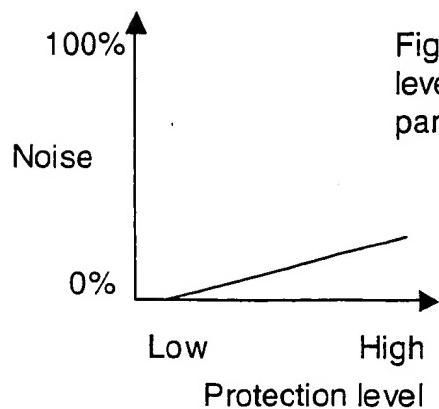


Figure 14. Selecting a  
level of noise to provide a  
particular protection level.

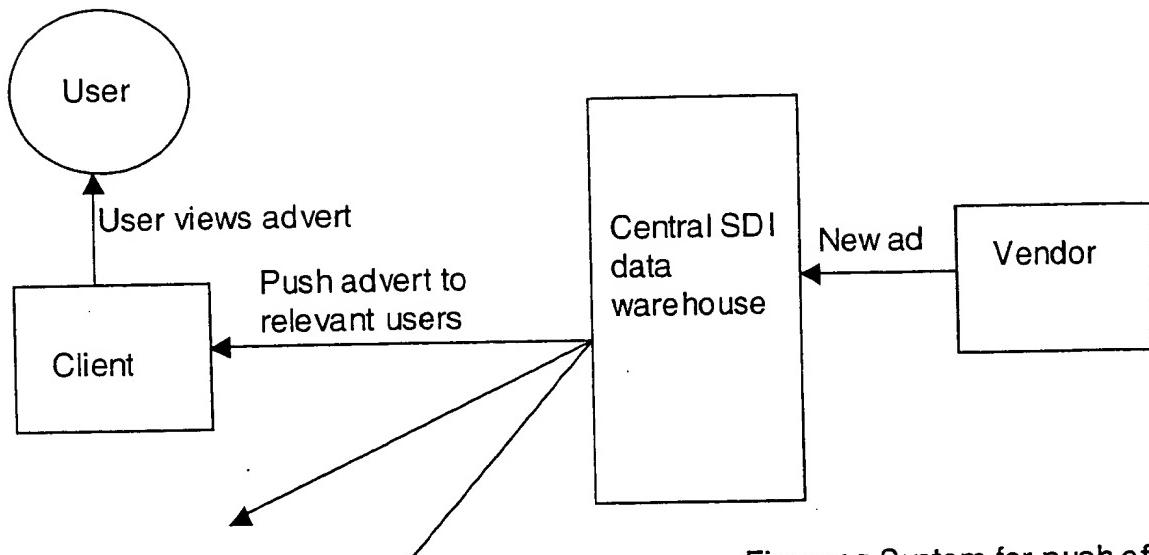


Figure 15. System for push of targeted ads to users in iamworthit.

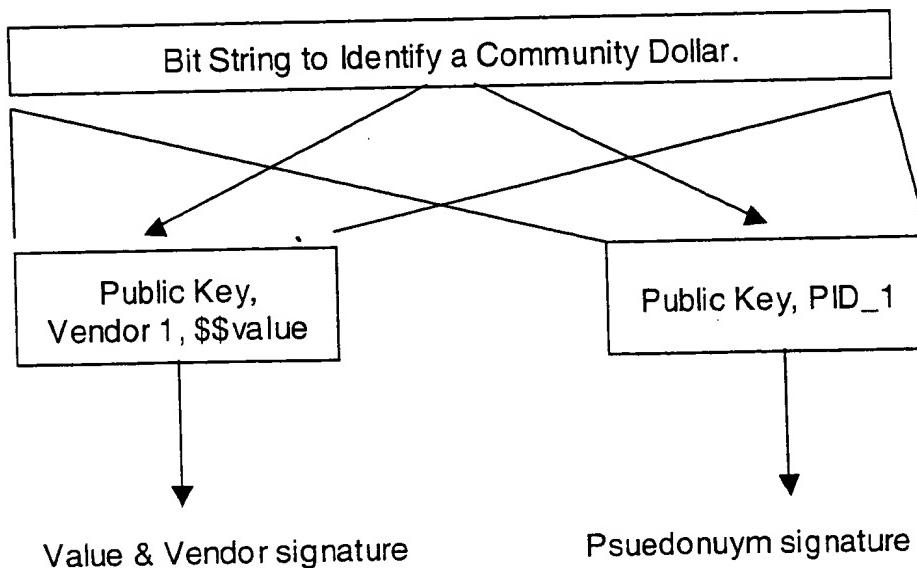


Figure 16. E-cash method to deliver community dollars.

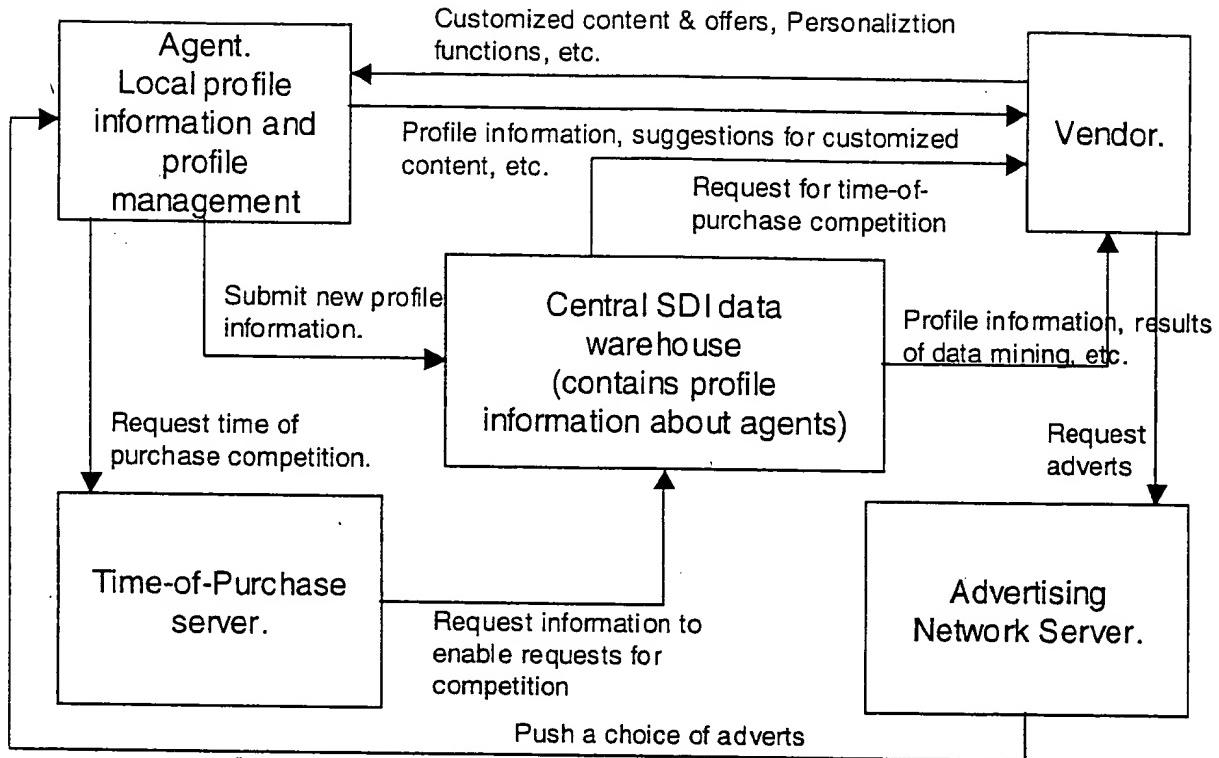


Figure 17, Time-of-Purchase/Iamworthit system

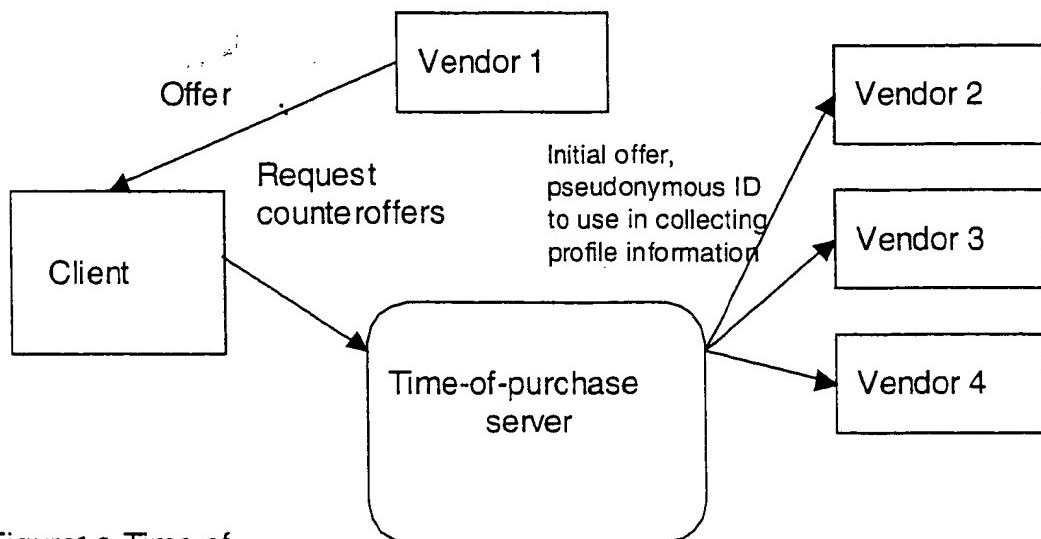
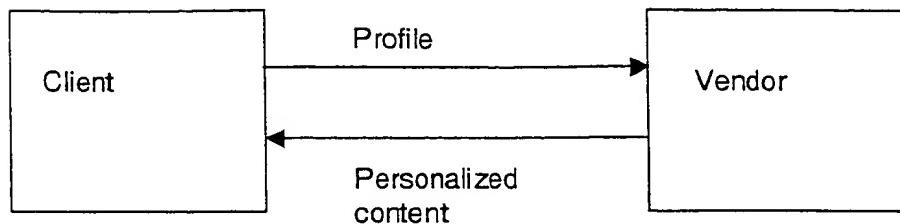
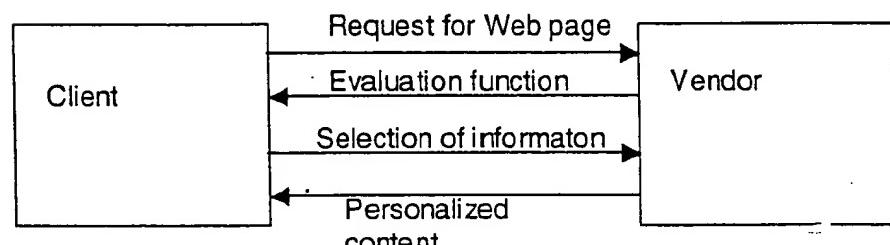


Figure 18, Time of purchase competition



(a) Traditional Method



(b) Iamworthit/SDI Method

Figure 19.  
Customization of  
information to users.

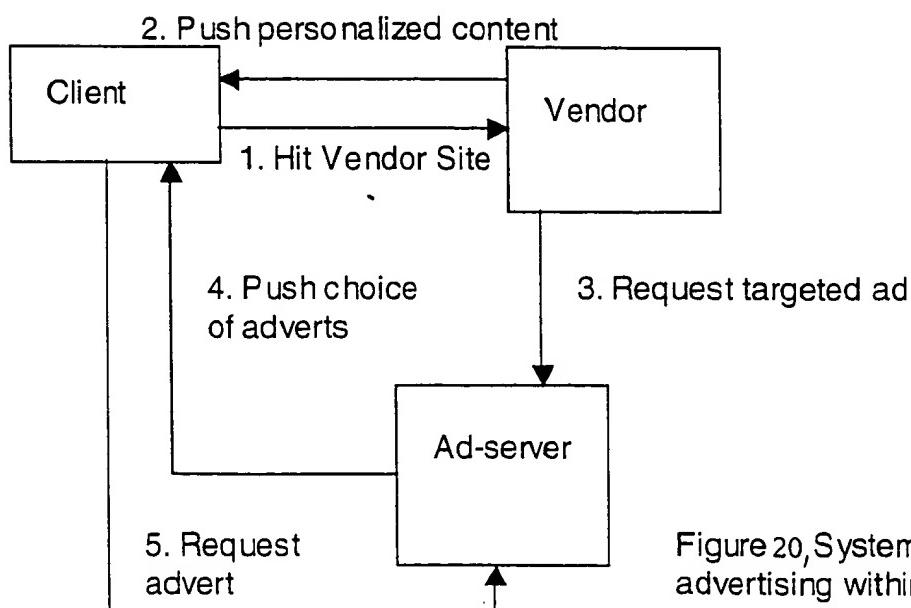


Figure 20, System for targeted  
advertising within Iamworthit.

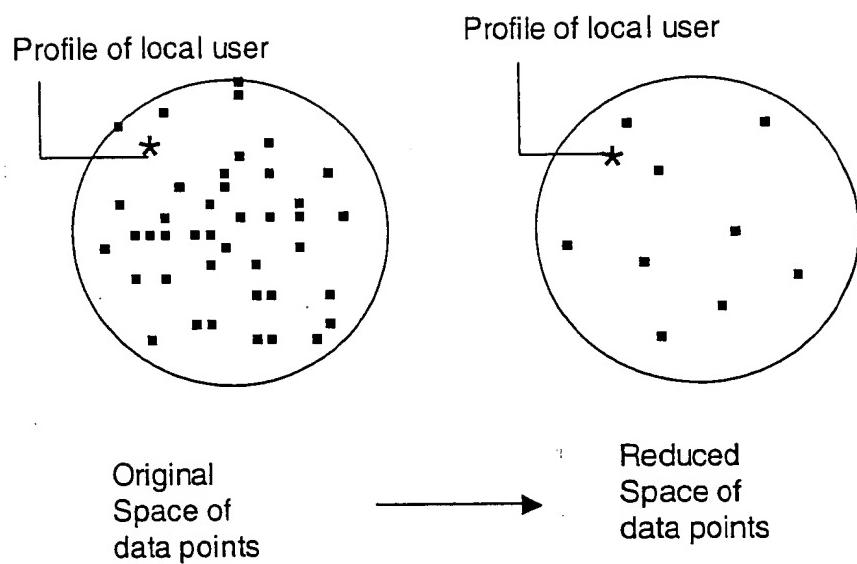


Figure 21. Concise Client-Side Method Descriptions.